

The Aruba Science Fair Committee during a recent meeting at the Dragon Phoenix Restaurant is shown here with Lago P.R. Manager M. H. Henriquez (4th left). (Aruba Science Fair Committee, durante un reciente reunion na Dragon Phoenix la aki cu Gerente di P.R. di Lago, M. H. Henriquez, 4 na robez). They are: Teachers T. Stuivenvolt, F. de Joode, P. G. J. van Grinsven (president), A. C. Eman (secretary) y Dr. Ir. R. M. Jessurun of Lago, and Teacher R. Altman.

## Comite di Feria Cientifico Arubano Ta Organiza Feria na Maart 1974

Despues di algun trabao preparatorio durante e ultimo tres luna, e Comité Arubano di Feria Cientifico nobo formá, cu Sr. P. G. J. van Grinsven di J. F. Kennedy School Técnico como presidente, recientemente anuncia algun detaye tocante nan planan pa tene un Feria Cientifico Arubano na 1974. Asistiendo como otro miembro di comité ta: Sres. A. van Bodegom (School Técnico J. F. Kennedy), F. de Joode (Colegio Arubano), T. Stuivenvolt (ETO-Tarabana), R. Altman (M. Luther King School), y R. M. M. Jessurun y A. C. Eman (Secretario), ambos ultimo di Lago.

Siendo e di seis feria científicos cu ta ser teni na Aruba, e Feria Cientifico Arubano pa 1974 lo ta mas bao direccio di maestronan di school. E acercamiento y nomber nobo aki a ser proponi pa Lago den un esfuerzo pa identifica e feria científico mas cerca di schoolnan na Aruba. Reconociendo la necesidad pa ofrecer e hubentud di Aruba un

otro oportunidad pa desaroya nan talentonan científico, Lago lo duna su completo apoyo y tambe lo financia e feria.

Participantes por inclui tur estudiantes di tur schoolnan di MAVO, HAVO, VWO, schoolnan técnico y huishoudschoolnan. Cinco school, cu ta preparando un total di 28 proyecto, ya a priminti di participa den e Feria Cientifico Arubano cual lo ser teni durante e ultimo siman di Maart, 1974, na un lugar cu lo worde anunciar despues.

E schoolnan participante te awor ta: J. F. Kennedy School (1 proyecto di grupo); Colegio Arubano (5 proyecto di grupo y 6 proyecto individual); M. Luther King School (9 proyecto di grupo y como 2 proyecto individual); Abraham de Veer School (3 proyecto di grupo y 2 proyecto individual) y ETO-Tarabana (1 proyecto di grupo).

Ademas di tin e satisfaccion di prepara y completa un proyecto científico, e estudiantes

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## J. Geerman Is Supervising Engineer In Technical - Process Engineering

A recent promotion went to Jacobo S. ("Coby") Geerman in the Technical Department, making him a Supervising Engineer in the Process Engineering Division.

Coby, who is a 1960 MULO-A graduate from the St. Augustin College in San Nicolas, graduated from the Aruba Technical School before joining Lago's Mechanical-Electrical Section in 1963 as an Electrician Helper "B". In 1964 he was granted a Lago Scholarship to study in the U.S.A.

He returned to the Company in 1968 with a Chemical Engineering degree from the West Virginia Institute of Technology and was employed in the Technical-Process Engineering Division. His first assignment was as a Contact Engineer for the PCAR, LEAR and Fuel Gas Scrubber units. Later on, in 1970, he worked in the Utilities

and Acid Plant area on a special assignment. In 1972 he transferred to the Crude & Products Coordination Division where he worked in the Short Range Economics Section. He subsequently was charged with the duties of Supply Coordinator in the Coordination Section where he



J. S. Geerman

was promoted to Senior Engineer in 1973.

Late last year, Coby transferred  
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Vice President LeRoy Johnston, who retired February 1, is shown here chatting with Philibert Volkerts of Technical-Laboratories and Juan Noguera of Technical-Process Engineering, during a farewell cocktail party at the Esso Club Jan. 25 (See also page 5). Vice President LeRoy Johnston, kende a retira Februari 1, ta aki den conversacion cu Philibert Volkerts di Tech.-Laboratories y Juan Noguera di Tech.-Process Engineering, durante un cocktail party di despedida na Esso Club Jan. 25 (Mira tambe pag. 5).

## ARUBA

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## Secura Ta Caba cu Yobida na Fin Di Anja; Total pa 1973 Ta 15 Duim

Hunto cu November y Decembre 1973, yobida a yega Aruba poniendo un final na lunanan di secura y treciendo e total di awa-cero durante anja na 15.69 duim, compará cu 11.01 duim na 1972.

Diferente cu yobida durante anja anterior cual tabata plamá den varios awaceru chikito durante e periodo di 12 luna, e yobida total na 1973 tabata concentrá den su mayor parti na fin di anja. Registrá ariba e pluvio-meter di Laboratorio, e yobida di November a alcanza un total di 5.76 duim, siendo cu luna di December a surpaséle cu su total di 6.12 duim. Cu excepcion di Juni (1.22 duim), e otro nue-be lunanan ni siquiera a alcan-

za un duim ariba e medidor di yobida.

E total di 15.69 duim pa anja pasá, aunque mejor cu esun di e dos anjanan anterior, ta leuw di ta Aruba su mejor cifra den e ultimo diez anjanan. Na 1970, un maximo di 28.65 duim di yobida a ser anotá. En cambio, 1964 a registra esun mas abao (7.87) den e ultimo diez anjanan.

Den 44 anja di observacion di yobida hací door di Technical Laboratories Division, e promedio di yobida anual ta 18.50 duim. E maximo yobida registrá den e periodo largo aki tabata na 1950 cu un record di 44.17 duim. E minimo registrá te awor ta un 7.73 duim di yobida mashá schaars mes cual a cai na 1930.



A 25-year service watch went to Alejandro Koolman of Process-HDS-II Division who celebrated his anniversary on January 28. Here he is shown receiving his watch from Process Manager Ted R. Burton in the presence of HDS Division Superintendent John Every. Un oloshi pa 25 anja di servicio a bai pa Alejandro Koolman di Process-HDS-II Division kende a celebra su aniversario ariba Januari 28. Aki el ta ser mostrá recibiendo su oloshi for di Gerente di Process Ted R. Burton den presencia di HDS Division Superintendent John Every.

## Elias Fingal of I. R. Department Becomes Labor Relations Adviser

Effective January 14, 1974, Elias Fingal of the Industrial Relations Department assumed the duties of Labor Relations Adviser.

since 1966, Elias has been succeeded in this post by Alex Hassell, who formerly headed the Personnel Section.

In his new responsibilities, Elias is now handling all matters covering Union relationships with Management.

His other duties include the interpretation of the Collective Working Agreement, hardship and benefit investigations and employee counseling.



E. Fingal

Head of the Plans Section

## J. Geerman Ta Supervising Engineer Den Technical-Process Engineering

Un reciente promocion a bai pa Jacobo S. ("Coby") Geerman den Technical Department, haciendo el un Supervising Engineer den Process Engineering Division.

Coby, kende a gradua cu MU-LO-A diploma for di St. Augustinus College na San Nicolas na 1960, a gradua tambe di Arubaanse Technische School promer cu el a bin traha cu Lago su Mechanical-Electrical Section na 1963 como un Electrician Helper "B". Na 1964 el a haya un beca di Lago pa studia na Merca.

### Coby Promoted

(Continued from page 1)

red back to the Process Engineering Division, Light Hydrocarbons/Offsites Section, where his responsibilities include the various Light Ends units, SAR Plant, Utilities and Oil Movements area.

A sports fan, he enjoys watching soccer and baseball games. Otherwise he likes to relax at home listening to stereo music. He and his wife Myrna and two young daughters live at Pos Chiquito.

El a bolbe bek na Compania na 1968 cu un grado di Ingenieria Química for di West Virginia Institute of Technology y a ser empleá den Technical-Process Engineering Division. Su pro-mer asignacion tabata como Contact Engineer pa unidadnan PCAR, LEAR y Fuel Gas Scrubber.

Mas despues, na 1970, el a traha den distritonan di Utilities y Acid Plant ariba un encargo especial. Na 1972 el a transferi pa Crude & Products Coordination Division caminda el a traha den Short Range Economics Section. Mas despues el a ke-dia encargá cu e trabaio di Supply Coordinator den Coordination caminda el a ser promoví pa Senior Engineer na 1973.

Na ultimo parti di anja pasá, Coby a transferi bek pa Process Engineering Division, Light Hydrocarbons/Offsites Section, caminda su responsabilidadnan awor ta inclui e varios unidadnan di Light Ends, SAR Plant, y distritonan di Utilities y Oil Movements.

Un fanatico di deporte, el ta gusta waak weganan di futbol y beisbol. Por lo demas, el ta "relax" na cas scuchando musica stereo. El y su casá Myrna y dos yiu muher chikito ta biba na Pos Chiquito.

## New Professionals Employed at Lago - Second Half of 1973



**GLENN A. GEERMAN** joined the Instrument Engineering Section of Mechanical Engineering Division on July 2. Glenn graduated from the University of Rhode Island where he was awarded a B. S. degree in Electrical Engineering. His office is in Room 272-27, General Office Building.

**GLENN A. GEERMAN** a join Instrument Engineering Section di Mechanical Engineering Division ariba Juli 2. Glenn a gradua for di Universidad di Rhode Island caminda el a haya e grado di bachiller den Ingenieria Electrica. Su oficina ta den Cuarto 272-27, Oficina Principal.

**NEIL B. KELLY** joined Lago on October 22 as a Senior Engineer in the Mechanical Engineering Technical Services Section. Neil has a Master of Science degree in Mechanical Engineering from the University of Strathclyde in Glasgow, Scotland. Neil formerly worked as a Project Engineer for ICI in Scotland and Shell Oil in Calgary, Alberta, Canada. His office is in G.O.B., Room 272-3.

**NEIL B. KELLY** a cuminza na Lago ariba October 22 como un Senior Engineer den Mechanical - Engineering, Engineering Technical Services Section. Neil tin un grado di maestro den Ingenieria Mecanica for di Universidad di Strathclyde na Glasgow, Escosia. Neil anteriormente a traha como un Ingeniero di Proyecto pa ICI na Escosia y pa Shell Oil na Calgary, Alberta, Canada. Su oficina ta den Oficina Principal Cuarto 272-3.



**FOUAD N. A. YOUNAN** joined Lago on Oct. 30 as a Senior Engineer in the Instrument Engineering Section of Mechanical Engineering Division. Fouad holds a B.S. degree in Electrical Engineering from Ain-Shams, University of Cairo, Egypt. He is located in G.O.B., Room 272-16.

**FOUAD N. A. YOUNAN** a join Lago ariba October 30 como un Senior Engineer den Instrument Engineering Section di Mechanical Engineering Division. Fouad tin un grado di bachiller den Ingeneria Electrica for di Ain-Shams, Universidad di Cairo, Egypto. El ta traha den Oficina Principal, Cuarto 272-16.

**CHARLES ARMBRUST** came to Lago on December 3, and was assigned to Technical - Process Engineering Division, in the Fuels/Oil Movements Section. Charles holds a B.S. degree in Chemical Engineering and an M.S. degree in Management Engineering from the Newark College of Engineering. He is located in G.O.B., Room 255.

**CHARLES ARMBRUST** a bini Lago ariba December 3, y a ser asigna den Technical - Process Engineering Division, den Fuels/Oil Movements Section. Charles tin un grado di bachiller den Ingenieria Quimica y un grado di maestro den Gerencia di Ingenieria for di Newark College of Engineering. Su oficina ta den G.O.B., Cuarto 255.



**ERWIN SIEM** was employed in the Mechanical Engineering Division on December 3. He has been assigned to the Instrument & Electrical Engineering Section. Erwin is an Electrical Engineering graduate from the H.T.S. in Breda, Holland. Erwin's office is in G.O.B., Room 289.



**ERWIN SIEM** a ser emplea den Mechanical Engineering Division ariba December 3. El a ser asigna den Instrument & Electrical Engineering Section. Erwin ta un graduado den Ingenieria Electrica for di H.T.S. na Breda, Holanda. Erwin su oficina ta den Oficina Principal, Cuarto 289.



## Curso di Trafico Ta Encurasha Bon Actitud Pa Stuurmento Sigur

For di October 1973, lesnan di trafico gratis ta ser duná ariba un base semanal na John F. Kennedy Technishce School na Oranjestad y na e Martin Luther King Technische School na San Nicolas.

Patrociná door di e Vereniging voor Veilig Verkeer van Aruba (VVV), cual ta asocia cu e Departamento di Poliz di Trafico di Gobierno, e curso ta ser tení tur Diahuebs, for di 7:30 pa 8:30 p.m., y ta dura cinco siman. E ta consisti di cinco les separa di cual nan topiconan ta:

Preferencia ariba Cruzada, Reglamentonan y Precaucionnan di Seguridad ora di Pasa un Vehiculo, Unda Pasamento di Auta Prohibí, Distancia entre Autob Dilanti, y Com pa Usa un Insercio (involgstrook).

Como cu e curso aki ta continuo, tur hende por join cualquier dia. No tin examen involvi, y participanten cu asisti na e cinco lesnan ta haya un certificado.

Dependiendo di participanten, e instruccionnan ta ser duná sea na Ingles of na Papiamento. Durante e sesionnan di un hora, participanten por haci preguntas, recibi clarificacionnan ariba situacionnan di trafico y tene discusionnan den grupo.

Instructornan di e curso di trafico ta Hoofdagent Oscar Flanders na San Nicolas, y Agent Eric Baiz na Oranjestad, tur dos di Departamento di Trafico di Gobierno. Cu e ayudo di mapa, y splicacionnan ariba borchi nan ta sinja tur locual ta necesario pa stuur mas sigur y proteha nan bida y di otro. Pa asisti den e esfuerzo valioso

aki, Lago a regala como 500 folder cu ta contene e borchinan di trafico internacional na color.

E lesnan di trafico, cual ta algo nobo ariba nos isla, ta pa yuda combati e accidentenan di trafico causa door di falta di atencion of ignorancia di e reglamentonan di trafico. E lesnan aki ta duna e futuro chaufer un excelente base pa e pasa su examennan final pa haya su licensia di stuur. E chaufer veterano tambe por haya beneficio di dje como un curso di "repetitie", y den hopi caso, si e tin ya hopi anja ta stuur, el por mantene su mes na haltura di e mas reciente reglamentonan di trafico estableci den e ultimo diez anjanan.

### Feria

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por gana tres premio pa proyectos individual y tres premio pa proyecto di grupo. Tambe cada participante lo recibi un regalo. E jurado lo consisti di maestronan di school y otro personanen di e comunidad Arubano.

Pa yuda estudiantes, un lista contenido como 200 proyecto científico for di cual estudiante por haya un idea pa selecta nan proyecto a ser trahá y poní disponible door di Lago. Ademas di e ayudo cu nan lo haya tambe nan por obtene conseho for di nan maestronan pa desroya y completa nan proyecto, for di diferente ingenieronan di Lago.



Wilkinson P. Leslie, a Lago engineer who is member of the Aruba Safe Traffic Committee here presents a certificate to Mrs. Ignacia Ras who along with the group at right completed the five-lesson traffic course.

Wilkinson P. Leslie, un Ingeniero di Lago kende ta miembro di e Vereniging voor Veilig Verkeer Aruba aki ta presenta un certificado na Sra. Ignacia Ras kende hunto cu n grupo na drechi a completa e curso di trafico.

## Free Traffic Course Encourages Good Habits for Safer Driving

Since October 1973, free traffic lessons are being given on a weekly basis at the John F. Kennedy Technical School in Oranjestad and the Martin Luther King Technical School in San Nicolas.

Sponsored by the Safe Traffic Committee, which is closely associated with the Government Traffic Police Department, the course is conducted every Thursday, from 7:30 to 8:30 p.m., and lasts five weeks. It consists of five separate lessons of which the subjects are:

Right of Way on Crossings, Procedures and Safety Precautions when Overtaking a Vehicle, Where Overtaking is Prohibited, Following Distances and Changing Lanes.

As this is a continuous course,

Chief Constable Oscar Flanders gets the full attention from his class when he explains the correct way of overtaking during a recent traffic lesson conducted at the Martin Luther King Technical School in San Nicolas.

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Hoofdagent Oscar Flanders aki ta haya e completo atencion di su klas ora cu el ta splica e manera correcto di pasa otro auto durante di un reciente les di trafico duná na Martin Luther King School Tecnico na San Nicolas.

anyone can join any time. There are no exams involved, and participants who attend the five classes receive a certificate.

Depending on the participants, the instructions may be given in either English or Papiamento. During the one-hour sessions, participants may ask questions, receive clarification on traffic situations and hold group discussions.

Instructors of the traffic course are Chief Constable Oscar Flanders in San Nicolas, and Constable Eric Baiz in Oranjestad, both of the Government Traffic Police Department. With the help of charts, chalktalks, they teach all that is necessary for safer driving and protecting the lives of others. To assist this

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## Management Members Bid Farewell to Vice President LeRoy Johnston



A large group gets together at the cocktail party held at the Esso Club to say goodbye to Mr. LeRoy Johnston, who retired Feb. 1. In the center, he is with H. V. Mowell who succeeds him as vice president. At right, in an animated conversation with Isaac Chin of Mech.-Engineering.



Un grupo grande se reunió en el cocktail party tenido en el Esso Club para despedir al Sr. LeRoy Johnston, quien se retiró el 1 de febrero. En el centro, él se encuentra con H. V. Mowell, quien lo reemplazó como vicepresidente. A la derecha, en una animada conversación con Isaac Chin de Mech.-Engineering.



Part of the group of management members at the farewell get-together is at left. At right, Mr. Johnston is flanked by secretaries and confidential administrative employees.



Parte del grupo de miembros de gerencia en la reunión de despedida en la banda roba. A la derecha, secretarías y empleadas confidenciales administrativas se encuentran con el Sr. Johnston.

## Elias Fingal di I. R. Department Ta Bira Labor Relations Adviser

Efectivo Januari 14, 1974, Elias Fingal di Industrial Relations Department a asumi e encargo di Labor Relations Adviser (Consejero di Relacionnan Laboral).

Elias, kende tabata Hefe di Plans Section for di 1966, a worde reemplazá den e puesto aki door di Alex Hassell, kende anteriormente tabata Hefe di Personnel Section.

Den su responsabilidadnan nobo, Elias awor ta trata cu tur

asuntonan cu ta cubri relacionnan di Union cu Gerencia. Su otro encargosan ta inclui e interpretacion di e Combinio Colectivo di Trabajo, investigacionnan di problemanan financiero y di beneficionan, y dunamento di conseho na empleadonan cu ta acerquele cu nan problemanan.

Den su oficina nobo den Edificio Principal, Cuarto 171, Elias por ser yamá na telefono 2421.

### Free Traffic Course

(Continued from page 4)

worthwhile effort, Lago donated about 500 folders containing the international road signs in full color.

An innovation on the island, these free traffic lessons are aimed at cutting down traffic accidents caused through carelessness or ignorance of safety

rules. It gives the future driver an excellent basis for passing his final exams to obtain a driver's license. The veteran driver can also benefit from it as a refresher course, and in many cases, if he has been driving many years, he can keep abreast with the latest traffic regulations established in the last decade.

### DECEASED ANNUITANT

PIETER J. BAKKER died in Holland on September 27, 1973, at the age of 69. Before his retirement on March 10, 1962, he had been a Customs Clerk in Materials Accounting. He had over 32 years of Lago service.

# Artesanos di Mechanical Ta Sinja Mehor Sistema pa Traha Stelashi

Un di e trabaanon mas frecuente den e actividad diario di artesanos di Mechanical ta trahamento di stelashi.

E tubonan armá aki cual ta pa pone plataforma ariba ta hiba artesaninan na cualquier altura deseá pa reparacion, verfimento y otro trabaanon relacioná y nan ta indispensable den revision di unidadnan.

Stelashi por ser construi den cualquier tamanjo pa un trabaao specifico y nan por ser armá contra of rond di unidad of hasta den un unidad mes. E trabaao generalmente ta involve cierto cantidad di persona, kende ta arma nan segun disenjo y altura necesario.

E plataforman ta ser poní ariba e stelashi, haciendo posible pa varios homber traha cu seguridad y confortablemente pa cuanto tempo cu ta necesario.

Recientemente, den un metodo no usá na Lago anteriomamente, Joe Williams di Scaffolding Rental and Erection Company di Baton Rouge, Louisiana, a sinja un grupo di empleados di Mechanical un manera mas liher y eficiente di traha stelashi. E programa di entrenamiento a consisti di parti teoretico, duna den Shop Zone, y un fase practico cu demostracionnan actual.

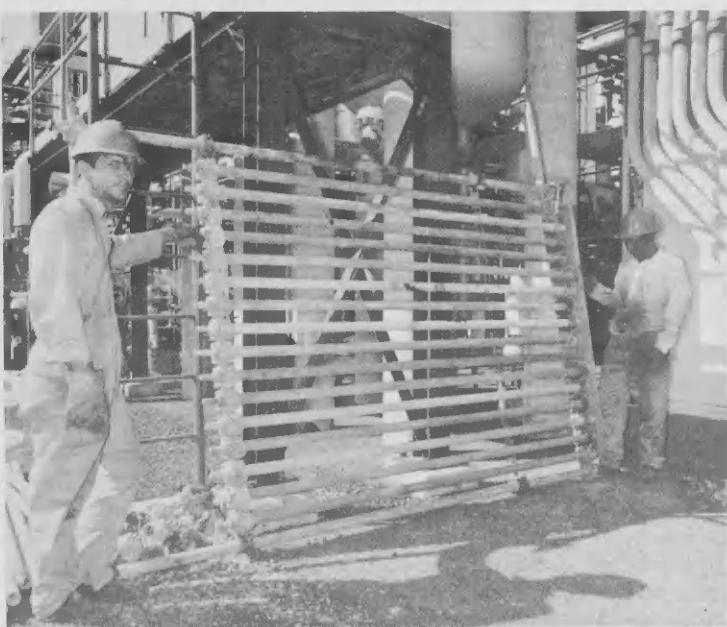
Nobenta y ocho empleado di

Construction & Turnaround/Facilities y Refinery Maintenance & Planning Division a sigui e curso, y algun empleado di Equipment Inspection Section.

E sistema nobo ta requerí e mesun tipo di material usá antes, cu e diferencia cu e tuberia usá ta ser midi y prefabricá di antemano ariba rekkinan na nivel di tera. Tur ■ "swivel" clampnan" di e tuberia ta poní di antemano na e distancia di tanto pia apart prome cu e stelashi ser armá. Despues di predetermina e midi y altura necesario, e base di e estructura ta ser formá y e stelashi instala door di clamp e tuberianan na e swivel jointnan te ora cu yega na e altura deseá.

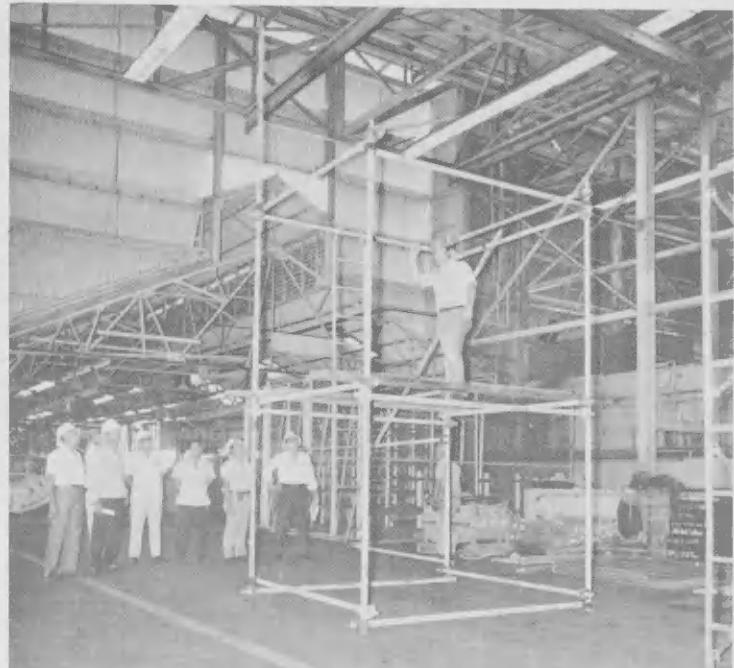
Durante e siete sesionnan di e programa di entrenamiento di stelashi, empleadonan di Mechanical tambe ■ haya instruccion com pa traha stelashi colgante. Esakinan ta tuberia cual tin soporte na un banda so y cual por colga for di cualquier seccion di e estructura.

E programa di entrenamiento aki ta asegura cu ora ta necesario, artesaninan di Lago ta awor mejor prepará pa traha stelashi. E ta trece un verdadero mehora y un grado mas halto di satisfaccion den trabaao.



Workmen here show how the piping is prefabricated on racks at ground level. Note how swivel clamps are set in place ready for assembly.

Trahadornan aki ■ mustra com e tuberia ta ser prefabrica ariba "racks" abao. Nota com e "swivel clampnan" ta poní den nan lugá cla pa instala.



Joe Williams, shown on scaffold platform, demonstrates how easy it is to build a neat structure from prefabricated material.

Joe Williams, aki ariba plataforma di stelashi, ta demostra com facil ta pa traha un estructura bon cu material prefabricá.

## Mechanical Men Taught Better Way To Build Scaffolds by New Method

One of the most frequent jobs in the daily activities of Mechanical tradesmen calls for the erection of scaffold.

These supporting frameworks for platforms take craftsmen to any desired level for repairs, painting and other related work and are indispensable in unit turnarounds.

Scaffolds can be built in any size required for a specific job and can be made to fit against or around any unit and even within a specific unit. The work usually involves a number of people, who put the framework together by fitting them to the required design and height as they go along. Platforms are placed across the frameworks making it possible for a number of men to work safely and comfortably for any length of time.

Recently, in ■ method not used at Lago before, Joe Williams of the Scaffolding Rental and Erection Company of Baton Rouge, La., taught a group of Mechanical men a faster and more efficient way of safely erecting scaffolds. The Training program consisted of ■ theoretical part, which was held in the Shop Zone Classroom, and ■ practical phase with demonstrations in the field. It was attended by 98 men from the

Construction & Turnaround/Facilities and Refinery Maintenance & Planning Divisions, and a few men from the Equipment Inspection Section.

The new system requires the same type of material as before, with the difference that the metal tubing used for the framework are measured and prefabricated beforehand on racks at ground level. All the swivel clamps of the piping are pre-set at the desired number of feet apart before the framework is assembled. After predetermining the required size and height, the base of the structure is formed and the scaffold is erected by clamping the piping at the preset swivel joints until the desired height is reached.

During the seven sessions of the scaffold training program, the Mechanical employees were also instructed on building cantilevered scaffolds. These are projecting platforms supported at one end, and suspended from any section of the framework.

This training program ensures that when necessary, Lago tradesmen are now better prepared to build scaffolds. It provides a tdue improvement and a higher degree of job satisfaction.

## Second New Vacuum Pipestill (V3AR) Doubles Capacity of HDS Facilities

With the startup of the second new Vacuum Pipestill (V3AR) on January 20, 1974, Lago's hydrodesulfurization complex now has another of the major units of the HDS-II facilities in operation.

Operating at approximately 125,000 barrels a day, the unit receives tar feed from the Tar Plant. Its job is to remove distillates from this tar which are then fed to the desulfurizer units for sulfur removal. The pitch left from the V3AR operation is used for burning in furnaces or for blending to fuel oils. The unit is essentially a duplicate

of Vacuum Pipestill No. 2 (V2AR).

The startup was under direction of Process Foreman J. F. Curiel for the Process Department and Regional Supervisor A. F. Rojer for the Mechanical Department.

The Technical Department personnel assigned to this project were Majid Hameed of ERE and Juan T. Croes of Lago. Charged with the construction for the main contractor, Arthur G. McKee, was Area Superintendent S. Russel, while L. van

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One group of V3AR startup personnel from Process (l to r): (Un grupo de startup de V3AR de la sección de Proceso (l a d): H. T. Arends, A. Koolman, J. Werleman, S. Paul, P. Quant and J. F. Curiel.



A Mechanical start-up group for V3AR (l to r): (Un grupo de startamento de V3AR — r pa d): G. V. Rama, D. Leest, A. Connor, M. Eckert, and R. De Mey.



A group of Process and Instrument men on the V3AR start-up (l to r): (Grupo de Process y Instrumento de V3AR): J. Werleman, J. Stripling, F. Geerman, F. Blkker, M. Feliciana and J. Donata.



An Electrical team on the V3AR startup (l to r): F. R. Lo Fo Sang, B. Connor, H. Montesant, J. Dempsey, H. Dirksz. Un grupo de Electricistas para el startamento de V3AR (r pa d): F. R. Lo Fo Sang, B. Connor, H. Montesant, J. Dempsey, H. Dirksz.



Another V3AR Process startup team (l to r): G. Matta, A. Croes, R. Lamp, E. Croes, W. Norris, M. Hameed, L. Maduro, HDS-2 Resident Engineer N. L. MacFarlane, and Process Foreman J. F. Curiel.



Mechanical and TOA personnel on the V3AR startup (l to r): (Personal de Mechanical y TOA pa startamento de V3AR — R. pa D.): A. Dijkhoff, C. Bernabela, T. Thijsen, V. Bareño, D. Moore, E. Molina,



J. Loepstok, H. Bermudez, C. Williamson, R. Matthews, A. F. Rojer, W. O. Wilkes, J. Stripling, O. Franken, J. Higgenbotham, C. Bryson, E. Charles, S. Franken, G. Stankiewicz, and J. Schrieber.

# Aruba Science Fair Committee Organizes Fair for March 1974

After some preparatory work during the last three months, the newly formed Aruba Science Fair Committee, with Mr. P. G. J. van Grinsven of J. F. Kennedy Technical School as chairman, recently announced some details about their plans for holding the 1974 Aruba Science Fair. Assisting as committee members are: Messrs. A. van Bodegom (J. F. Kennedy Technical School), F. de Joode (Colegio Arubano), T. Stuivenvolt (ETO-Tarabana), R. Altman (M. Luther King), and R. M. M. Jessurun and A. C. Eman (secretary), both of Lago.

The sixth science fair to be held in Aruba, the 1974 Aruba Science Fair will be more under direction of the school teachers. This new approach and name were proposed by Lago in an effort to identify the science fair closer with the schools in Aruba.

Recognizing the need of offering Aruba's youth another opportunity for developing their scientific talents, Lago will give its full support as well as finance the fair.

Participants may include all students of all MAVO, HAVO, VWO, technical schools and home economics schools.

Five schools with a total of 28 projects have already pledged.

## New V3AR Started Up

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Aman was the Esso Research & Engineering Company's field engineer who supervised the project for Lago.

The HDS-II units already completed and in operation include: the No. 3 Hydrogen Unit (H3AR), the Virgin Naphtha Hydrofiner (N2AR), the Crude Gas Compression Unit (G2AR), the MEA

ed to participate in the Aruba Science Fair to be held during the last week of March 1974 at a location to be announced later. The participating schools so far are: J. F. Kennedy School (1 group project); Colegio Arubano (5 group projects and 6 individual projects), M. Luther King School (9 group projects and about 2 individual projects) and Abraham de Veer School (3 group projects and 2 individual projects and ETO-Tarabana (1 group project).

In addition to having the satisfaction of preparing and completing a science project, the students may win three prizes for individual projects and three prizes for group projects. Also, each participant will receive a gift. The jury will consist of school teachers and other persons of the Aruban Community.

To assist the students, a list containing some 200 science projects from which students may get an idea for choosing their project has been compiled and made available by Lago. In addition to the assistance that they will receive from their teachers in developing and completing their projects, they can also obtain advice from several Lago engineers.



At the control panels for V3AR startup (l to r): J. Wester, T. Tromp, D. Tromp and D. Kelly.

## LAGO SCHOLARSHIPS

The Lago Scholarship Foundation will award a number of scholarships again this year to qualifying students in the Aruban community.

Emphasis will be placed on studies leading to a Bachelor's Degree in the sciences or liberal arts, or equivalent.

Application forms are available at Lago's Training Division from Dufi Kock on telephone 2527, in Room 265 of the Administration Building. Completed forms should be submitted prior to April 1, 1974.

## BEURS DI LAGO

Lago Scholarship Foundation atrobe lo duna beurs a anja aki na estudiantes den comunidad Arubano cu tin qualificacion.

Enfasis lo ser poní ariba estudionan pa un grado di Bachiller den ciencia of arte liberal, of estudio equivalente.

Formulario di aplicacion disponibile na Training Division, for di Dufi Kock na telefon 2527, Cuarto 265 den Administration Building. Formularionan yená mester ser mandá aden promer cu April 1, 1974.

## Year-End Showers Halt Drought; Boost 1973 Rainfall to 15 Inches

Along with November and December 1973, the rains came to Aruba putting an end to months of drought and bringing the year's total rainfall to 15.69 inches compared to 11.01 inches in 1972.

Unlike the previous year's rainfall which was scattered in several cloudbursts during the 12-month span, the total 1973 rainfall was concentrated mostly towards the end. Registered on the Laboratories' pluviometer, the November rainfall reached a total of 5.76 inches, with December month topping it off at 6.12 inches.

With the exception of June (1.22 inches), the other nine months of the year never even

made the one-inch mark on the rain gauge.

The 15.69 inch total for last year, although better than the two previous years, is not by far Aruba's best in the past ten years. In 1970, a maximum of 28.65 inches of rainfall was aggregated. On the other hand, 1964 registered the lowest (7.87) in the last decade.

In 44 years of rainfall observation by the Technical-Laboratories Division, the average yearly rainfall is 18.50 inches.

Maximum rainfall registered in this long period was in 1950 with a record 44.17 inches. The minimum recorded so far was a scant 7.73 inches of rain which fell in 1930.



Another HDS startup team for V3AR (l to r): (Un otro team pa startamento di V3AR — r pa d): J. van der Biezen, P. Kruger, L. Tromp, F. Penja, S. Bryson, J. Thijssen, T. Tromp, and A. Heyliger.